## IN THE UNITED STATES PAT DEMARK OFFICE

application of: KRISTIN BUTCHER

Attorney Docket No.: 2000P07423US

pplication No.: 09/489,324

Examiner: ISAAC M. WOO

Filed: January 21, 2000

Group: 2153

Title: RANGE OPTIMIZATION ALGORITHMS

Date: June 19, 2002

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on June 19, 2002

Francis G. Montgomery, Reg. No. 41,202

## <u>AMENDMENT A</u>

**Assistant Commissioner for Patents** Washington, DC 20231

Dear Sir:

In response to the Office Action dated 27 March 2002, a response to which is due 27 June 2002, please enter the following amendments and remarks:

## In the Claims:

Also, please substitute the following clean claims 1, 18, 28, and 30 for the previous corresponding claims. A marked up version of the claims is present in the attached Appendix.